# Recombinant Human CD14 Protein, GST-Tagged

**Cat. No.** CD14-0721H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human CD14 full-length ORF (AAH10507, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Mar 2010] |
| **Molecular Mass** | 66.99 kDa |
| **AA Sequence** | MERASCLLLLLLPLVHVSATTPEPCELDDEDFRCVCNFSEPQPDWSEAFQCVSAVE VEIHAGGLNLEPFLKRVDADADPRQYADTVKALRVRRLTVGAAQVPAQLLVGALRVL AYSRLKELTLEDLKITGTMPPLPLEATGLALSSLRLRNVSWATGRSWLAELQQWLKP GLKVLSIAQAHSPAFSCEQVRAFPALTSLDLSDNPGLGERGLMAALCPHKFPAIQDL ALRNTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNSLNL SFAGLEQVPKGLPAKLRVLDLSCNRLNRAPQPDELPEVDNLTLDGNPFLVPGTALPH EGSMNSGVVPACARSTLSVGVSGTLVLLQGARGFA |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein) |

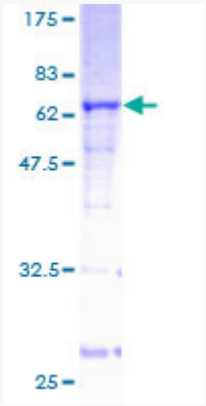
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| | Antibody Production<br>Protein Array |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | CD14 CD14 molecule [ Homo sapiens ] |
| **Official Symbol** | CD14 |
| **Synonyms** | CD14; CD14 molecule; CD14 antigen; monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein; |
| **Gene ID** | 929 |
| **mRNA Refseq** | NM_000591 |
| **Protein Refseq** | NP_000582 |
| **MIM** | 158120 |
| **UniProt ID** | P08571 |

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| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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